

Abstract of the Disclosure:

The image scanner 101 comprises a manuscript conveying unit
 102 having conveying rolls 115, 116 for conveying a
 manuscript 111 and a first light source 114, and a manuscript
 reading unit 103 mounted on the manuscript conveying unit
 5 102. The manuscript reading unit 103 detects movement of
 the manuscript 111 in the sub-scanning direction 118 by a
 rotation detecting roll 122 driven by the conveying roll 115.
 When the manuscript 111 is a reflection-type one, only a
 second light source 124 is switched ON to read the manuscript
 10 111. When the manuscript 111 is a transmission-type one,
 only the first light source 114 is switched ON to read the
 manuscript 111. The image scanner 101 does not have a fixed
 platen. One-dimensional CCD 131 is fixed. The image
 scanner 101 can therefore be small in size.

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